```
Minimum DB seq length: 0
Maximum DB seq length: 200000000
                                                                                                                                                                                                                                                                                                                                                                                               Database :
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Searched:
                                                                                                                                                                                                                                                                                                                                                                                                                                 -MODEL=frame+ p2n.model -DEV=soft -Q-Pending Patents AA_Main.US-10-055-624B-2
-DB=Pending Patents NA_Main.US-10-055-624B-1 -SUPFIX=pto -OUT-align2_1
-MINMATCH=0.1 -LOOPECL=0 -LOOPEXT=0 -UNITS=bits -START=1 -END=-1
-MINMATCH=0.1 -FOOPECL=0 -LOOPEXT=0 -UNITS=bits -START=1 -END=-1
-MATRIX=blosum62 -TRANS=human40.cdi -LIST=1 -DOCALIGN=200 -THR_SCORE=pct
-THR_MAX=100 -THR_MIN=0 -ALIGN=1 -MODB=LOCAL -CUTFMT=pto -NORN=ext
-HBAPSIZB=500 -MINLEN=0 -MAXLEN=200000000 -NCPU=6 -NO XLIPY -NEG SCORES=0
-LOOPECG -THREADS=1 -XGAPOP=10 -XGAPEXT=0.5 -FGAPENF=7 -YGAPOP=10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Command
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Post-processing:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Total number of hits satisfying chosen parameters:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Scoring table:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Perfect score:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           OM protein - nucleic search, using frame_plus_p2n model
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Command line parameters: -MODEL=frame+_p2n.model
                                                                                                                                                                                                                                                                                                                                                                                                                        YGAPEXT=0.5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     on:
                                                                                                                                                                                                                                                                                                                                                                                                                        -DELOP=6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Xgapop 10.0 , 3
Ygapop 10.0 , 3
Ygapop 6.0 , 1
Fgapop 6.0 , 1
Delop 6.0 , 1
                                                                                                                                                                                                                                                                                                                                                                               Pending_Pa
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     US-10-055-624B-2
3181
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     September 23, 2004, 13:41:47; Search time 1 Seconds (without alignments)
            Minimum Match 0%
Maximum Match 100%
Listing first 1 summaries
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         MIONVGNHLRRGLASVFSNR....
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   seqs, 1857 residues
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Copyright
                                                                                                                                                                                                                                                                                                                                                                                                                         -DELEXT=7
                                                                                                                                                                                                                                                                                                                                                                                              Patents_
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  GenCore version 5.1.6 (c) 1993 - 2004 Compugen Ltd.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Xgapext
Ygapext
Fgapext
Delext
                                                                                                                                                                                                                                                                                                                                                                                              NA_Main:US-10-055-624B-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               . . . . . .
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         (without alignments)
2.254 Million cell updates/sec
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ....TLKAIPVAKINSRFGYLQDT 607
```

```
311 (cgm2 6/prodata//) pna/(18097B COMB seq (18-10-055-6248-1
314 (cgm2 6/prodata/) pna/(18098B COMB seq (18-10-055-6248-1
315 (cgm2 6/prodata/) pna/(18098B COMB seq (18-10-055-6248-1
316 (cgm2 6/prodata/) pna/(18098B COMB seq (18-10-055-6248-1
317 (cgm2 6/prodata/) pna/(18099B COMB seq (18-10-055-6248-1
318 (cgm2 6/prodata/) pna/(18099B COMB seq (18-10-055-6248-1
319 (cgm2 6/prodata/) pna/(18099
```

Вp Ş 멍 Ş

```
APPLICANT: Adams, Sean H
APPLICANT: Chui, Clarissa
APPLICANT: Goddard, Audrey D
APPLICANT: Goddard, Audrey D
APPLICANT: Goddard, Audrey D
APPLICANT: Grimaldi, J. Christopher
TITLE OF INVENTION: BFIT COMPOSITIONS AND MET
FILE REFERENCE: 9800081-0066
CURRENT APPLICATION NUMBER: US/10/055,624B
CURRENT FILING DATE: 2002-01-22
PRIOR APPLICATION NUMBER: US 60/263,362
PRIOR FILING DATE: 2002-01-22
JUMBER OF SEQ ID NOS: 23
SOFTWARE: Patentin version 3.2
SOFTWARE: Patentin version 3.2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Result
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 RESULT 1
US-10-055-624B-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                 Percent Similarity:
Best Local Similarity:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Alignment Scores: Pred. No.:
                                                                                                                                                                                                                                                                                                                                                                       US-10-055-624B-2 (1-607) x US-10-055-624B-1 (1-1857)
                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               US-10-055-624B-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 1, Application GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: DNA
ORGANISM: Homo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                LENGTH: 1857
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                and is derived by a
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Pred. No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Score
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  3181
                                                                         199
259
                                                                                                                                               139
                                 18
                                                                                                          61
                                                                                                                                                                                    41
                                                                                                                                                                                                                           79
                                                                                                                                                                                                                                                              21
                                                                                                                                                                                                                                                                                                 19
                   AlaGluArgHisAlaGlyCysProCysValThrAlaSerMetAspAspIleTyrPheGlu 100
                                                                                             ArgGlyGluLeuSerValGlyGlnLeuLeuLysTrpIleAspThrThrAlaCysLeuSer
                                                                                                                                                                      TyrArgAsnProThrGluValGlnMetSerGlnLeuValLeuProCysHisThrAsnGln
                                                                                                                                                                                                                         ACATCCCGGAAGTCAGCCTTACGTGCGGGGAACGACAGTGCCATGGCAGACGGCGAGGGA
                                                                                                                                                                                                                                            ThrSerArgLysSerAlaLeuArgAlaGlyAsnAspSerAlaMetAlaAspGlyGluGly 40
                                                                                                                                                                                                                                                                                                   ATGATCCAGAATGTCGGAAATCACCTGCGACGGGGCTTGGCCTCTGTGTTCTCCAACCGC
                                                                                                                                                                                                                                                                                                                        MetIleGlnAsnValGlyAsnHisLeuArgArgGlyLeuAlaSerValPheSerAsnArg
GCGGAGAGGCACGCTGCCCCTGTGTCACAGCTTCCATGGATGACATCTATTTTGAG
                                                                                                                                                 is the number of results predicted by chance to have a ater than or equal to the score of the result being printed, rived by analysis of the total score distribution.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  100.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query
Match Length DB
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         104:
105:
106:
107:
108:
109:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  /cgn2_6/ptodata/2/pna/US6047_COMB.seq:US-10-055-624B-1
/cgn2_6/ptodata/2/pna/US6048_COMB.seq:US-10-055-624B-1
/cgn2_6/ptodata/2/pna/US6049_COMB.seq:US-10-055-624B-1
/cgn2_6/ptodata/2/pna/US6050_COMB.seq:US-10-055-624B-1
/cgn2_6/ptodata/2/pna/US6051_COMB.seq:US-10-055-624B-1
/cgn2_6/ptodata/2/pna/US6052_COMB.seq:US-10-055-624B-1
/cgn2_6/ptodata/2/pna/US6053_COMB.seq:US-10-055-624B-1
                                                                                                                                                                                                                                                                                                                                                                                                                             0
3181.00
100.00%
100.00%
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1857
                                                                                                                                                                                                                                                                                                                                                                                                                44
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   US/10055624B
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  44
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       IJ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  US-10-055-624B-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SUMMARIES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ALIGNMENTS
                                                                                                                                                                                                                                                                                                                                                                                                                           Matches:
Conservative:
Mismatches:
Indels:
                                                                                                                                                                                                                                                                                                                                                                                                            Gaps:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         AND METHODS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           OF.
                                                                                                                                                                                                                                                                                                                                                                                                                 0000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 1,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Appli
                                                                                                                                                                                          60
                                                                                                                80
                                                                                                                                                     198
                                                                                                                                                                                                                             138
                                                                                                                                                                                                                                                                                                                                        20
   318
                                                                           258
```

Ş

밁 8 멍 8 밁 Ş B Ş DB:

밁

```
1039
                                                                                                                                                                                                                                                                 1099
                                                                1279
                                                                                                                                1219
                                                                                                                                                                                                1159
                                                                                                                                                                                                                                                                                               361
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   619
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 559
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   499
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  161
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   439
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  141
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   379
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   319
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  101
                                                                                                                                                               401
                                                                                                                                                                                                                                381
                                                                                                                                                                                                                                                                                                                                                                341
                                                                                                                                                                                                                                                                                                                                                                                                 979
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 919
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 859
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 799
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 739
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   679
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  221
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                201
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                181
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  121
                               441
                                                                                               421
                                                                                                                                                                                                                                                                                                                                                                                                                                321
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                301
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               281
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                261
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  241
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   AsnValCysLysAlaLeuAlaThrPheValAlaArgArgGluIleThrLysValLysLeu
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    HisThrIleSerValGlyGlnValValAsnIleLysAlaLysValAsnArgAlaPheAsn
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    HisProThrLeuLysAlaIleGluMetPheHisPheArgGlyProSerGlnValGlyAsp
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    GluSerValGluLeuValLeuProProHisAlaAsnHisGlnGlyAsnThrPheGlyGly
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      GlnGlyAspLeuGluSerArgAspCysSerArgMetValProAlaGluLysThrArgVal
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ArgArgMetArgLeuValTyrAlaAspThrIleLysAspLeuLeuAlaAsnCysAlaIle
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   LysGlnIleThrProArgThrGluGluGluLysMetGluHisSerValAlaAlaGluArg
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CACACCATTAGTGTTGGACAAGTGGTGAATATCAAGGCCAAGGTGAACCGGGCCTTCAAC
                                                                                                                                                                                              ProSerAsnGlnValTyrLeuSerTyrAsnAsnValSerSerLeuLysMetLeuValAla 400
                                                                                                                                                                                                                                                              CysValGluAlaTyrArgGlnGluAlaGluThrHisArgArgHisIleAsnSerAlaPhe
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ArgLeuValLeuLysAlaIleValAsnAsnAlaPheLysHisSerMetGluValGlyVal
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    GlnIleMetAlaTrpMetGluAsnValAlaThrIleAlaAlaSerArgLeuCysArgAla
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   AAGCAGATCACGCCGCGGACAGAAGAAGAGGAAGATGGAGCACAGTGTGGCGGCTGAGCGC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   AATGTGTGCAAGGCCTTGGCCACCTTCGTGGCCCGAGAGATCACCAAGGTGAAGCTG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TCCAGCATGGAGGTGGCCATCCAGGTGGCCTCGGAGGACCTGTGCTCTGAGAAGCAGTGG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SerSerMetGluValGlyIleGlnValAlaSerGluAspLeuCysSerGluLysGlnTrp
                                                              LysAspAsnTrpValLeuSerSerGluIleSerGlnValArgLeuTyrThrLeuGluAsp 420
                                                                                                                                                                                                                                                                                                                                                 GlnProGlyAspGlyGluArgArgTyrArgGluAlaSerAlaArgLysLysIleArgLeu
                                                                                                                                                                                                                                                                                                                                                                                                                   MetThrPheValValLeuAspAlaAspAspGlnProGlnLeuLeuProTrpIleArgPro
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CACCCTACGCTGAAGGCCATTGAAATGTTCCACTTCCGAGGCCCGTCCCAGGTCGGCGAC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 GAGAGTGTGGAGCTGGTCTGCCTCCCCACGCCAATCACCAGGGCAACACCTTTGGGGGGC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CAGGGCGATCTGGAGAGAGAGACTGTAGCCGCATGGTGCCGGCTGAGAAGACCCCGTGTG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CGGCGCATGCGCCTTGTCTATGCAGACACCATCAAGGACCTCCTGGCCAACTGCGCCATT
               LeuLeuLeuSerAspLeuArgGlnArgProGluTrpAspLysHisTyrArgSerValGlu
                                                                                                                                AAGGACAACTGGGTGCTGTCCTCGGAGATCAGTCAGGTCCGCCTGTACACTCTGGAGGAT 1278
                                                                                                                                                                                                                                                                                                                                 CAGCCCGGCGATGGTGAGCGGCGGTACCGAGAGGCCCAGGAAAGAAGATCCGCCTG
                                                                                                                                                                                                                                                                                                                                                                                                 ATGACCTTTGTGGTCCTGGACGCAGATGACCAGCCCCAGTTGCTGCCCTGGATTCGGCCC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TGCGTGGAGGCCTATCGCCAGGAGGCTGAGACCCACCGGCGCCACATCAACAGTGCCTTT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CGTCTGGTGCTCAAAGCCATCGTGAACAATGCCTTCAAACATAGCATGGAGGTGGGCGTG
CTGCTGCTCTCGGACCTGCGTCAGAGGCCAGAGTGGGACAAGCACTACCGGAGCGTGGAG
                                                                                                                                                                                                                                                                                                                                                                    360
                                                                                                                                                                                                                                                                                                                                                                                                                                      340
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    300
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       160
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    140
                                                                                                                                                                                                     1218
                                                                                                                                                                                                                                                                     1158
                                                                                                                                                                                                                                                                                                      380
                                                                                                                                                                                                                                                                                                                                      1098
                                                                                                                                                                                                                                                                                                                                                                                                      1038
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      978
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      918
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     858
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      280
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      798
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      260
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      738
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      240
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      678
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       220
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      618
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        558
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      180
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      498
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        438
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      378
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       120
   1398
                                    460
                                                                     1338
```

Ş

밁 \$ 밁 Š 뮍

8 벍 δ 뮍 5

δ 밁 S g 8 밁 Ś 밁 Ş В Š 멍 Ş В Ş 밁 Ś 밁 Ś

밁

Page 3

Дb	8	рь	Qy	DЬ	89	ф	γQ	망	γQ	рь	VQ V	ДЪ	Ş	DЪ	Q
1819 TTTGGATACCTTCAAGACACC 1839	601 PheGlyTyrLeuGlnAspThr 607	1759 CTAGCTGGAGGACACCTGAGTACTCTTAAAGCAATCCCCGTGGCCAAAATCAACAGCCGA 1818	581 LeuAlaGlyGlyHisLeuSerThrLeuLysAlaIleProValAlaLysIleAsnSerArg 600	1699 TATTCCTGGGGGCTCGAATCCAGGTCAAAGGGTCGCAGGAGCGACGGTTGGAATGGAAAA 1758	561 TyrSerTrpGlyLeuGluSerArgSerLysGlyArgArgSerAspGlyTrpAsnGlyLys 580	1639 CTGACCAAGTGCTGGGTTAGGGTCTCCCTGACTGAGCTGGTCTCGGCAAGTGGCTTC 1698	541 LeuThrLysCysCysTrpValArgValSerLeuThrGluLeuValSerAlaSerGlyPhe 560	1579 GAGTACAGACGCGGAGAGACCCTCTGCCTCAGGCTTCTGCCTCTGCGCGCGAGGGGGACCAG 1638	521 GluTyrArgArgGlyGluThrLeuCysSerGlyPheCysLeuTrpArgGluGlyAspGln 540	1519 GGGGACCCCTATGTCATCGCGCTGAGGTCGGTCACGCTGCCCACACACCGGAGAGACGCCA 1578	501 GlyAspProTyrVallleAlaLeuArgSerValThrLeuProThrHisArgGluThrPro 520	1459 GGTCACACAAAGCCCCAGGACTTCGTGATCCTGGTCCTCGAGGCGGAAGCCTTGTGACAAT 1518	481 GlyHisThrLysProGlnAspPheVallleLeuAlaSerArgArgLysProCysAspAsn 500	1399 CTAGTGCAGCAGGTAGACGAGGACGACGCCATCTACCACGTCACCAGCCCTGCCCTCGGA 1458	461 LeuValGlnGlnValAspGluAspAspAlaIleTyrHisValThrSerProAlaLeuGly 480

Search completed: September 23, 2004, 13:41:51 Job time : 3 secs

.

-

.